

Technical Specifications

Number of effective pixels:	2.0 million
CCD:	1/3.2-type interline primary-colour CCD Total pixels: 2.1 million
Camera sensitivity:	Auto (between ISO 64 –200 equivalent), ISO 64,100, 200, 400 equivalents
Focal length:	4.8 – 14.4mm (35mm equivalent: 37 – 111mm)
Lens construction:	10 elements in 9 groups (includes two double-sided aspheric elements)
Maximum aperture:	f/2.8 – f/3.7
Minimum focus distance:	0.10m from front of camera
Maximum magnification:	0.111x (1:9.01) Equivalent to 0.857x (1: 1.17) in 35mm format
Area covered at maximum magnification:	40 x 30mm
Monitor LCD:	4.0cm digital-interface TFT colour monitor with anti-reflection coating Total pixels: 84,960 Automatic monitor amplification
Shutter:	CCD electronic shutter and mechanical shutter
Shutter speed range:	4 - 1/1000 s
Autofocus system:	Video AF
Autofocus areas:	Wide focus area (five point AF)
Metering:	Multi-segment
Multi-segment metering:	256 segments

Exposure control:	Programmed AE
Exposure compensation:	±2 Ev in 1/3 increments
Flash range:	Wide: 0.1 – 3.6m (approx.) Telephoto: 0.1 – 2.7m (approx.) (Camera sensitivity: auto)
Flash modes:	Autoflash, Autoflash with red-eye reduction, Fill-flash, Flash cancel, Night portrait
Continuous advance:	Available
Self timer:	10 s (approx.)
Self portrait:	Subject program used with the mirror on the front of the camera.
Multi frame:	To capture 9 sequential images at 3fps displayed in a 3x3 grid in a single frame.
Image pasting:	Embeds an image within another image.
Movie recording:	Recording time dependent on memory card capacity and image size. Frame rate: 15fps Mono only.
Audio:	Voice memo: 15s (max) Audio caption: 15s (max.) Mono only.
White balance control:	Automatic, Preset (Daylight, Cloudy, Tungsten, Fluorescent)
Toning:	Neutral black and white, Sepia, Red tone, Blue tone, Green tone
Portrait mode:	Optimises camera settings to enhance skin tones.
Noise reduction:	Auto

Digital zoom:	4x (max.) in 0.1x increments Digital zoom can be disabled.
E-mail Copy function:	Creates a compressed 640 x 480 or 160 x 120 JPEG image for transmission.
Favourites:	To collect compressed 640 x 480 JPEG images on the memory card.
Slide show:	With automatic dissolve effects.
Rotate:	To manually orient vertical images for viewing.
Date imprinting:	Year/month/day (Format can be changed.) Month/day/hour:minute Imprinting can be disabled.
Key customisation:	The function activated by the left and right keys of the controller can be changed.
Image quality modes:	Fine, Standard, Economy
Number of recorded pixels (Still images):	1600 x 1200, 1280 x 960, 640 x 480
Number of recorded pixels (Movie clips):	320 x 240, 160 x 120
Storage capacity:	Approximate storage capacity of an 8 MB SD (Secure Digital) Memory Card:

	1600 x 1200	1280 x 960	640 x 480
Fine	6 frames	10 frames	31 frames
Standard	12 frames	18 frames	48 frames
Economy	22 frames	31 frames	68 frames
Movie	19 seconds with 320 x 240 images 1 minute 14 seconds with 160 x 120 images		

*Still images recorded without voice memo or audio caption

**Actual number of images may vary depending upon the subject and memory card.

File formats:	JPEG, Motion JPEG (MOV), WAVE DCF 1.0-compliant DPOF-compliant (Supported by printing functions in ver. 1.1) Exif 2.2
Folder name formats:	Standard, Date
Printing output control:	Exif Print, PRINT Image Matching II
Recording media:	SD (Secure Digital) Memory Cards, MultiMediaCards
Computer interface:	Full-speed 12Mbps USB 2.0 (USB 1.1 compatible)
Direct print:	Epson USB DIRECT-PRINT
Remote camera:	Live video feed without audio for web transmission
AV output:	NTSC, PAL (selected on the camera)
Batteries:	Two AA batteries
Battery performance (Playback):	Approximate continuous playback time: 300 min. with alkaline batteries.
Battery performance (Recording):	Approximate number of recorded images: 110 frames. Based on the following test conditions: alkaline batteries, Full size images (1600 x 1200), Standard image quality, No instant playback, No voice memo, Flash used with 50% of the frames.
External power source:	3V DC with specified AC adapter (sold separately)
Dimensions:	86 (W) x 67(H) x 23.5(D) mm
Weight:	115 g (approx.) without battery or recording media
Operating temperature:	0-40°C



Standard accessories:

Neck Strap NS-DG500
AV Cable AVC-200
USB Cable USB-500
8MB SD (Secure Digital) Memory Card
Two AA Alkaline batteries
DiIMAGE Viewer

Optional accessories:

Metal Chain Neck Strap NS-DG100
Camera Case & Strap CS-DG410*
AC Adapter AC-6L or AC 6LE

*Availability varies with region.

Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.

System Requirements

Compatible computers when the camera is used as mass storage device:

IBM PC/AT compatible computers with Windows XP Home, Windows XP Professional, Windows Me, Windows 2000 Professional, Windows 98*, or Windows 98 Second Edition* and with a USB port as standard interface.

Apple Macintosh computers with preinstalled Mac OS 9.0 – 9.2.2, Mac OS X v10.1.3 – 10.1.5, and v10.2.1 – 10.2.6 and with a USB port as standard interface.

* Users with Windows 98 and Windows 98 Second Edition operating systems must install dedicated driver software included in the DiIMAGE X20 package.

Minimum system requirements for the remote camera function:

Computers	IBM PC/AT compatible computers with a USB port as standard interface
CPU	Pentium II 300MHz or later processor (*1)
Operating systems	Windows XP Home, Professional, Me, 2000 Professional or 98 Second Edition
RAM	128 MB of RAM. 256 MB with Windows XP. (*1)
Hard-disk space	200 MB of free hard-disk space
Monitor	800 x 600 monitor capable of displaying 16-bit colour quality.
Tested applications	Microsoft NetMeeting, Windows Messenger (*2)
Other	CD-ROM drive

*1 The CPU and RAM must satisfy the requirements of the operating system.

*2 The application software must be guaranteed by the manufacturer to work with the operating system.

- The computer and operating system must be guaranteed by their manufacturers to support USB interface.
- Problems may be encountered depending on what other USB devices are being used in parallel with this product.
- Only a built-in USB port is supported. Problems may be encountered when the camera is connected to a USB hub.
- Normal operation may not be possible even when all the system requirements are met.

System requirements are based on the latest information available at the time of printing and are subject to change without notice.

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